

Title (en)
Flat roof installation system for photovoltaic modules

Title (de)
Flachdach-Montagesystem für Photovoltaik-Module

Title (fr)
Système de montage à toit plat pour modules photovoltaïques

Publication
EP 2555254 A3 20140219 (DE)

Application
EP 12178773 A 20120801

Priority
DE 102011109772 A 20110804

Abstract (en)
[origin: EP2555254A2] The system (10) has an open foot gap formed in a lower region of a mounting side between a flat roof (20) and an attached photovoltaic module unit (16). Another open foot gap is formed in a lower region of a back side between the roof and a wind deflector. A perpendicular projection part of each gap is provided onto an imaginary plane, which is oriented perpendicular to the roof for defining a rectangular area larger than another area. Upper edges of the wind deflector and the module unit are arranged in another imaginary plane, which is oriented parallel to the flat roof.

IPC 8 full level
H01L 31/048 (2006.01)

CPC (source: EP US)
F24S 25/13 (2018.04 - EP US); **F24S 25/16** (2018.04 - EP US); **F24S 40/85** (2018.04 - EP US); **H02S 20/24** (2014.12 - EP US); **F24S 2025/02** (2018.04 - EP US); **Y02B 10/10** (2013.01 - EP US); **Y02B 10/20** (2013.01 - EP US); **Y02E 10/47** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP)

Citation (search report)

- [A] DE 202009018151 U1 20110407 - FISCHER LICHTSYSTEME GMBH [DE], et al
- [A] DE 202010000557 U1 20110512 - BK METALLTECHNIK GMBH & CO KG [DE]
- [A] DE 202008014274 U1 20090129 - KOESLINGER MARKUS [DE], et al
- [AP] DE 202010008691 U1 20111102 - MARSCHALL FRANZ [DE]
- [AP] DE 202012005673 U1 20120709 - WEBER STEFAN [DE]

Cited by
CN105280798A; US2013032208A1; US9093948B2; EP3379167A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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EP 2555254 A2 20130206; EP 2555254 A3 20140219; EP 2555254 B1 20150311; DE 102011109772 A1 20130207; PL 2555254 T3 20150831; US 2013032208 A1 20130207; US 9093948 B2 20150728

DOCDB simple family (application)
EP 12178773 A 20120801; DE 102011109772 A 20110804; PL 12178773 T 20120801; US 201213567114 A 20120806